

Mailed 12/16/83

Ms. Sylvia Lovelace
123 Grandcove Lane
Oak Ridge, Tennessee 37830

Mr. Hugh Kinser
104 Colgate Rd.
Oak Ridge, Tennessee 37830

Mr. J. W. Gibson
128 Gum Hollow Rd.
Oak Ridge, Tennessee 37830

Mr. Keith Cole
130 Greystone Ln.
Oak Ridge, Tennessee 37834

Mr. B. Harvest
134 Bethune Cr.
Oak Ridge, Tennessee 37830

Mr. Leonard Whaley
Hwy. 62, Mahoney Rd. Rt #3
Oliver Springs, Tennessee 37840

Mr. A. A. Brooks
100 Wiltshire Dr.
Oak Ridge, Tennessee 37830

Mr. C. Krause
125 Netherland Rd.
Oak Ridge, Tennessee 37830

Mr. Marvin Gilbreath
297 Valpariso Rd.
Oak Ridge, Tennessee 37830

Mr. Jessie Bowen
210 S. Dillard
Oak Ridge, Tennessee 37830

Ms. Melissa Sanders
212 S. Dillard
Oak Ridge, Tennessee 37830

Ms. Aserine Robinson
102 Bethune Cir.
Oak Ridge, Tennessee 37830

Mr. George Reed
106 Bettis Lane
Oak Ridge, Tennessee 37830

Ms. Minnie Thompson
280 Wilberforce Ave.
Oak Ridge, Tennessee 37830

his care out
of Box #2
soil sampling
I think

No. 1119

119

✓ Mr. C. E. Tilley
103 Victoria Rd.
Oak Ridge, Tennessee 37830

✓ Mr. Arnold Sams
107 Hollywood Cir.
Oak Ridge, Tennessee 37830

✓ Ms. Mavelane Anderson
104 West Lincoln
Oak Ridge, Tennessee 37830

Ms. Ida Rich
2093 Oak Ridge Turnpike c/o 683 Robertsville R.D.
Oak Ridge, Tennessee 37830

✓ Ms. Martha Lunsford
122 W. Bryn Maus
Oak Ridge, Tennessee 37830

✓ Mr. Russell Jackson
2383 Oak Ridge Parkway
Oak Ridge, Tennessee 37830

✓ Ms. Linda White
112 Greenbriar Lane
Oak Ridge, Tennessee 37830

Ms. Ruth Shannon
203 Wilberforce Ave.
Oak Ridge, Tennessee 37830

Ms. Ruth Shannon
203 Wilberforce Ave.
Oak Ridge, Tennessee 37830

Ms. Catherine Sigmon
199 Tusculum Dr.
Oak Ridge, Tennessee 37830

Mr. Paul White
202 Bennett
Oak Ridge, Tennessee 37830

Pastor
Mount Zion Church
Wilberforce Ave.
Oak Ridge, Tennessee 37830

✓ Mr. Bob Hibben
101 Wiltshire Dr.
Oak Ridge, Tennessee 37830

Mr. Bill Yee
113 Westover Dr.
Oak Ridge, Tennessee 37830

✓ Mr. Earl Garrett
133 Grandcove Ln.
Oak Ridge, Tennessee 37830

✓ Mr. John Lingerfelt
116 Miramar Cir.
Oak Ridge, Tennessee 37830

Ms. Carolyn Crabtree
109 W. Lincoln
Oak Ridge, Tennessee 37830

✓ Ms. Alice Pine
171 LaSalle Rd.
Oak Ridge, Tennessee 37830

Ms. Rose Weaver
115 Bethune Cir.
Oak Ridge, Tennessee 37830

✓ Ms. Sally McCaskill
205 S. Dillard Ave.
Oak Ridge, Tennessee 37830

Mr. James Monk
107 Culver Rd.
Oak Ridge, Tennessee 37830

✓ Mrs. Johnson
105 Culver Rd.
Oak Ridge, Tennessee 37830

Mr. J. W. Gibson
Mabry Hood Rd.
Oak Ridge, Tennessee 37830

Mrs. Brown
101 Davidson Lane
Oak Ridge, Tennessee 37830

✓ Mr. Brubaker
254 Gum Hollow Rd.
Oak Ridge, Tennessee 37830

Mr. Ronald Barnett
151 Spellman
Oak Ridge, Tennessee 37830

Mr. R. C. Woltz
105 Olney Ln.
Oak Ridge, Tennessee 37830

Mrs. Earl Farris
✓ 657 Robertsville Rd.
Oak Ridge, Tennessee 37830

Mr. Robert Fox
Tempura Dr.
Oak Ridge, Tennessee 37830

*✓ 141 Midway Drive
Oliver Springs 37840*

Ms. Ann Farnham
✓ 111 W. Pasadena
Oak Ridge, Tennessee 37830

Ms. Nell Ann Hochanadel
120 Montana Ave.
Oak Ridge, Tennessee 37830



TENNESSEE DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of Environment
T.E.R.R.A. BUILDING
150 NINTH AVENUE, NORTH
NASHVILLE, TENNESSEE 37203

December 19, 1983

Ms. Sylvia Lovelace
123 Grandcove Lane
Oak Ridge, Tennessee 37830

Dear Ms. Lovelace:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Soil/Garden	83-0031	6/8/83	4.9/8.0

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

GEI/CC/sh EEP-1



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December 19, 1983

Mr. Hugh Kinser
104 Colgate Rd.
Oak Ridge, Tennessee 37830

Dear Mr. Kinser:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden Soil	83-0118	6/23/83	.066
"	83-0119	"	.056
"	83-0120	"	.064
"	83-0121	"	.90
"	83-0122	"	.046
"	83-0123	"	.038
"	83-0124	"	.003

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December 19, 1983

Mr. J. W. Gibson
128 Gum Hollow Rd.
Oak Ridge, Tennessee 37830

Dear Mr. Gibson:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden Soil	83-0132	6/24/83	.390
"	83-0133	"	.95
"	83-0135	"	.73

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

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December 19, 1983

Mr. Keith Cole
130 Greystone Ln.
Oak Ridge, Tennessee 37834

Dear Mr. Cole:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden Soil	83-0136	6/24/83	.214

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

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December 19, 1983

Mr. B. Harvest
134 Bethune Cr.
Oak Ridge, Tennessee 37830

Dear Mr. Harvest:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden Soil	83-0138	6/24/83	.04
"	83-0139	"	.08
"	83-0140	"	.064

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

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December 19, 1983

Mr. Leonard Whaley
Hwy. 62, Mahoney Rd.
Oak Ridge, Tennessee 37830

Dear Mr. Whaley:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard	83-0148	6/28/83	.04

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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December 19, 1983

Mr. A. A. Brooks
100 Wiltshire Dr.
Oak Ridge, Tennessee 37830

Dear Mr. Brooks:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0149	6/28/83	.25
"	83-0150	"	.206
"	83-0151	"	.20
"	83-0152	"	.136
"	83-0153	"	.24
Sewer Belt Soil	83-0158	"	9.3

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

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December 19, 1983

Mr. C. Krause
125 Netherland Rd.
Oak Ridge, Tennessee 37830

Dear Mr. Krause:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0171	6/29/83	.25
"	83-0173	"	.14

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

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December 19, 1983

Mr. Marvin Gilbreath
297 Valpariso Rd.
Oak Ridge, Tennessee 37830

Dear Mr. Gilbreath:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0189	6/30/83	10.4

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

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December 19, 1983

Mr. Jessie Bowen
210 S. Dillard
Oak Ridge, Tennessee 37830

Dear Mr. Bowen:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0192	6/30/83	.07
"	83-0193	"	.046

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

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December 19, 1983

Ms. Melissa Sanders
212 S. Dillard
Oak Ridge, Tennessee 37830

Dear Ms. Sanders:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0196	6/30/83	.026
"	83-0197	"	.03

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

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December 19, 1983

Ms. Aserine Robinson
102 Bethune Cir.
Oak Ridge, Tennessee 37830

Dear Ms. Robinson:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0198	6/30/83	2.0
"	83-0199	"	2.48

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

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December 19, 1983

Mr. George Reed
106 Bettis Lane
Oak Ridge, Tennessee 37830

Dear Mr. Reed:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-200	6/30/83	.08

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

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December 19, 1983

Ms. Minnie Thompson
280 Wilberforce Ave.
Oak Ridge, Tennessee 37830

Dear Ms. Thompson:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0203	7/6/83	.01
"	83-0204	"	.01
"	83-0205	"	-.01

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December 19, 1983

Mr. C. E. Tilley
103 Victoria Rd.
Oak Ridge, Tennessee 37830

Dear Mr. Tilley:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-265	7/15/83	.074

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

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December 19, 1983

Mr. C. E. Tilley
103 Victoria Rd.
Oak Ridge, Tennessee 37830

Dear Mr. Tilley:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard	83-0209	7/6/83	.046
"	83-0210	"	.024

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

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Mr. Arnold Sams
107 Hollywood Cir.
Oak Ridge, Tennessee 37830

Dear Mr. Sams:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard	83-0211	7/6/83	.046

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

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Ms. Mavelane Anderson
104 West Lincoln
Oak Ridge, Tennessee 37830

Dear Ms. Anderson:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0214	7/6/83	.046
"	83-0215	"	.134
"	83-0216	"	.04

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

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December 19, 1983

Ms. Ida Rich
2093 Oak Ridge Turnpike
Oak Ridge, Tennessee 37830

Dear Ms. Rich:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard	83-0221	7/6/83	.186
"	83-0222	"	.266

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

GEI/CC/sh EEP-1



TENNESSEE DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of Environment
T.E.R.R.A. BUILDING
150 NINTH AVENUE, NORTH
NASHVILLE, TENNESSEE 37203

December 19, 1983

Ms. Martha Lunsford
122 W. Bryn Mawr
Oak Ridge, Tennessee 37830

Dear Ms. Lunsford:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard	83-0223	7/6/83	-.01
"	83-0224	"	.046
"	83-0225	"	-.01

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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150 NINTH AVENUE, NORTH
NASHVILLE, TENNESSEE 37203

December 19, 1983

Mr. Russell Jackson
2383 Oak Ridge Parkway
Oak Ridge, Tennessee 37830

Dear Mr. Jackson:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0227	7/6/83	.30
"	83-0230	"	3.1
"	83-0256	7/14/83	6.2
Garden Surface	83-0559	9/2/83	.55
"	83-0561	"	.80

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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NASHVILLE, TENNESSEE 37203

December 19, 1983

Ms. Linda White
112 Greenbriar Lane
Oak Ridge, Tennessee 37830

Dear Ms. White:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0233	7/6/83	5.6
"	83-0234	"	1.2
"	83-0235	"	-.01
"	83-0237	"	-.01

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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NASHVILLE, TENNESSEE 37203

December 19, 1983

Ms. Ruth Shannon
203 Willerforce Ave.
Oak Ridge, Tennessee 37830

Dear Ms. Shannon:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Stream Bank	83-0240	7/7/83	.096

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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Director
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December 19, 1983

Ms. Catherine Sigmon
199 Tusculum Dr.
Oak Ridge, Tennessee 37830

Dear Ms. Sigmon:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0241	7/7/83	.032
"	83-0242	"	.02
"	83-0243	"	.026
"	83-0244	"	.036

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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December 19, 1983

Pastor
Mount Zion Church
Wilberforce Ave.
Oak Ridge, Tennessee 37830

Dear Pastor:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard	83-0249	7/11/83	.012

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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NASHVILLE, TENNESSEE 37203

December 19, 1983

Mr. Bob Hillen
101 Wiltshire Dr.
Oak Ridge, Tennessee 37830

Dear Mr. Hillen:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0257	7/15/83	.37
"	83-0261	"	.90
"	83-0262	"	.35
Garden Surface	83-0689	10/3/83	6.4
"	83-0690	"	1.3
"	83-0691	"	.82
"	83-0692	"	.54

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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Bureau of Environment
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NASHVILLE, TENNESSEE 37203

December 19, 1983

Mr. Bill Yee
113 Westover Dr.
Oak Ridge, Tennessee 37830

Dear Mr. Yee:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard	83-0263	7/15/83	.07
"	83-0264	"	.04

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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NASHVILLE, TENNESSEE 37203

December 19, 1983

Mr. Earl Garrett
133 Grandcove Ln.
Oak Ridge, Tennessee 37830

Dear Mr. Garrett:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0267	7/19/83	.45
"	83-0269	"	.11
Yard	83-0271	"	.73

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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NASHVILLE, TENNESSEE 37203

December 19, 1983

Mr. John Lingerfelt
116 Miramar Cir.
Oak Ridge, Tennessee 37830

Dear Mr. Lingerfelt:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0284	7/22/83	1.9
"	83-0285	"	2.1
"	83-0286	"	1.5

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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Bureau of Environment
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NASHVILLE, TENNESSEE 37203

December 19, 1983

Ms. Carolyn Crabtree
109 W. Lincoln
Oak Ridge, Tennessee 37830

Dear Ms. Crabtree:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard	83-0292	7/25/83	4.7

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

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Bureau of Environment
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NASHVILLE, TENNESSEE 37203

December 19, 1983

Ms. Alice Pine
171 LaSalle Rd.
Oak Ridge, Tennessee 37830

Dear Ms. Pine:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard	83-0293	7/25/83	.70
"	83-0294	"	.13

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

Sincerely,

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Director
Environmental Epidemiology

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Bureau of Environment
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NASHVILLE, TENNESSEE 37203

December 19, 1983

Ms. Rose Weaver
115 Bethune Cir.
Oak Ridge, Tennessee 37830

Dear Ms. Weaver:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard	83-0322	8/5/83	.05
Garden	83-0323	"	.04

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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December 19, 1983

Ms. Sally McCaskill
205 S. Dillard Ave.
Oak Ridge, Tennessee 37830

Dear Ms. McCaskill:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0584	9/13/83	.114
"	83-0586	"	.16

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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NASHVILLE, TENNESSEE 37203

December 19, 1983

Mr. James Monk
107 Culver Rd.
Oak Ridge, Tennessee 37830

Dear Mr. Monk:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Under house	83-0587	9/13/83	11.4
Yard	83-0588	"	1.2

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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NASHVILLE, TENNESSEE 37203

December 19, 1983

Mrs. Johnson
105 Culver Rd.
Oak Ridge, Tennessee 37830

Dear Mrs. Johnson:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden	83-0591	9/13/83	1.0

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

Sincerely,

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Director
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December 19, 1983

Mr. J. W. Gibson
Maury Hood Rd.
Oak Ridge, Tennessee 37830

Dear Mr. Gibson:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Maury Hood Rd. Surface	83-0603	9/19/83	.06
"	83-604	"	.06
"	83-605	"	.08
"	83-606	"	.07
"	83-607	"	.03
"	83-608	"	.06
Francis St. Apts. Surface	83-609	"	.04
"	83-610	"	.52
"	83-611	"	.04
"	83-612	"	.04
"	83-613	"	.09
"	83-614	"	.32
"	83-615	"	.12
"	83-616	"	.04

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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Director
Environmental Epidemiology



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December 19, 1983

Mrs. Brown
101 Davidson Lane
Oak Ridge, Tennessee 37830

Dear Mrs. Brown:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard surface	83-0625	9/23/83	.17
"	83-0626	"	.05
"	83-0627	"	.11

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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December 19, 1983

Mr. Brubaker
254 Gum Hollow Rd.
Oak Ridge, Tennessee 37830

Dear Mr. Brubaker:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard surface	83-0628	9/23/83	.07
"	83-0629	"	.06
Garden	83-0630	"	.06
Garden surface	83-0632	"	.05

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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December 19, 1983

Mr. Ronald Barnett
151 Spellman
Oak Ridge, Tennessee 37830

Dear Mr. Barnett:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard surface	83-0634	9/23/83	.17
"	83-0635	"	.18
"	83-0636	"	.15

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

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TENNESSEE DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of Environment
T.E.R.R.A. BUILDING
150 NINTH AVENUE, NORTH
NASHVILLE, TENNESSEE 37203

December 19, 1983

Mr. R. C. Woltz
105 Olney Ln.
Oak Ridge, Tennessee 37830

Dear Mr. Woltz:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard surface	83-0693	10/3/83	.94
"	83-0694	"	2.5
"	83-0695	"	.20
"	83-0696	"	.18
"	83-0697	"	1.1

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

GEI/CC/sh EEP-1



TENNESSEE DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of Environment
T.E.R.R.A. BUILDING
150 NINTH AVENUE, NORTH
NASHVILLE, TENNESSEE 37203

December 19, 1983

Mrs. Earl Farris
657 Robertsville Rd.
Oak Ridge, Tennessee 37830

Dear Mrs. Farris:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden surface	83-0722	10/17/83	.50
"	83-0725	"	.24
"	83-0727	"	.11
"	83-0729	"	.06
Garden	83-0731	"	.19

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

GEI/CC/sh EEP-1



TENNESSEE DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of Environment
T.E.R.R.A. BUILDING
150 NINTH AVENUE, NORTH
NASHVILLE, TENNESSEE 37203

December 19, 1983

Mr. Robert Fox
Tempura Dr.
Oak Ridge, Tennessee 37830

Dear Mr. Fox:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Outside flood plain	83-0828	10/19/83	.19
Disturbed surface	83-0829	"	.07
"	83-0830	"	.06
"	83-0831	"	.09
Flood plain surface	83-0834	"	.07

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

GEI/CC/sh EEP-1



TENNESSEE DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of Environment
T.E.R.R.A. BUILDING
150 NINTH AVENUE, NORTH
NASHVILLE, TENNESSEE 37203

December 19, 1983

Ms. Ann Farnham
111 W. Pasadena
Oak Ridge, Tennessee 37830

Dear Ms. Farnham:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Garden surface	83-1089	11/7/83	.12
"	83-1091	"	.09

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

GEI/CC/sh EEP-1



TENNESSEE DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of Environment
T.E.R.R.A. BUILDING
150 NINTH AVENUE, NORTH
NASHVILLE, TENNESSEE 37203

December 19, 1983

Ms. Nell AmHochanadel
120 Montana Ave.
Oak Ridge, Tennessee 37830

Dear Ms. Hochanadel:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
Yard surface	83-1121	11/21/83	.20
"	83-1122	"	.12
"	83-1123	"	.13
"	83-1124	"	.08

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

GEI/CC/sh EEP-1

July 27, 1983

Mr. Geoffrey Gleason
127 Cumberland View Drive
Oak Ridge, Tennessee 37830

Dear Mr. Gleason:

The following samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Type Sample</u>	<u>Results (PPM)</u>	<u>Standard or Background (PPM)</u>
127 Cumberland View Drive	83-0025	June 7, 1983	Soil	0.01	0.01-3.4

For your convenience, we have listed either standard or background levels for comparison purposes. Based on the above results, there would be no adverse human health effects expected.

Please feel free to contact Mr. David McKinney of the Knoxville Basin Office if further clarification of these results is necessary. He can be reached at (615) 546-9221 or Division of Water Management, Tennessee Department of Health and Environment, 1522 Cherokee Trail, Knoxville, TN 37920.

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

GEI/CC/sh EEP-1

July 27, 1983

Mr. Victor Blocher
1101 Tuskegee Drive
Oak Ridge, Tennessee 37830

Dear Mr. Blocher:

The following samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Type Sample</u>	<u>Results (PPM)</u>	<u>Standard or Background (PPM)</u>
1101 Tuskegee Drive	83-0020	May 27, 1983	Well Water	.0001	.0041

For your convenience, we have listed either standard or background levels for comparison purposes. Based on the above results, there would be no adverse human health effects expected.

Please feel free to contact Mr. David McKinney of the Knoxville Basin Office if further clarification of these results is necessary. He can be reached at (615) 546-9221 or Division of Water Management, Tennessee Department of Health and Environment, 1522 Cherokee Trail, Knoxville, TN 37920.

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

GEI/CC/sh EEP-1



TENNESSEE DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of Environment
T.E.R.R.A. BUILDING
150 NINTH AVENUE, NORTH
NASHVILLE, TENNESSEE 37203

August 29, 1983

Mr. Jeffrey Lyons
1001 Tuskegee Drive
Oak Ridge, Tennessee 37830

Dear Mr. Lyons:

In the sampling results letter transmitted to you on July 27, 1983, the "Standard or Background" levels for mercury quoted were incorrect. The correct version should read:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Type Sample</u>	<u>Results (PPM)</u>	<u>Standard or Background (PPM)</u>
1001 Tuskegee Dr.	83-0021	May 27, 1983	Well Water	.0001	.002

Although the standard or background level is lower than previously stated, your well water results still fall below the corrected standards. As concluded in the previous letter, no adverse human health effects would be expected.

Please feel free to contact Mr. David McKinney of the Knoxville Basin Office if further clarification of these results is necessary.

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

GEI/CC/sh EEP-1

July 27, 1983

Mr. Jeffrey Lyons
1001 Tuskegee Drive
Oak Ridge, Tennessee 37830

Dear Mr. Lyons:

The following samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Type Sample</u>	<u>Results (PPM)</u>	<u>Standard or Background (PPM)</u>
1001 Tuskegee Drive	83-0021	May 27, 1983	Well Water	.0001	.0041

For your convenience, we have listed either standard or background levels for comparison purposes. Based on the above results, there would be no adverse human health effects expected.

Please feel free to contact Mr. David McKinney of the Knoxville Basin Office if further clarification of these results is necessary. He can be reached at (615) 546-9221 or Division of Water Management, Tennessee Department of Health and Environment, 1522 Cherokee Trail, Knoxville, TN 37920.

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

GEI/CC/sh EEP-1



TENNESSEE DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of Environment
T.E.R.R.A. BUILDING
150 NINTH AVENUE, NORTH
NASHVILLE, TENNESSEE 37203

DATE

1

Dear 2:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
<u>3</u>			

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Please feel free to contact Mr. Pat Turri of the Environmental Epidemiology Unit if further clarification of these results is necessary. He can be reached at (615) 741-5683 or Tennessee Department of Health and Environment, TERRA Bldg., 150 9th Avenue, North, Nashville, Tennessee 37203.

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

GEI/____ EEP-1



TENNESSEE DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of Environment
T.E.R.R.A. BUILDING
150 NINTH AVENUE, NORTH
NASHVILLE, TENNESSEE 37203

Dear _____:

The following samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Type Sample</u>	<u>Results (PPM)</u>	<u>Standard or Guideline (PPM)</u>
-----------------	--------------------------	---------------------------	------------------------	--------------------------	--

For your convenience, we have listed a standard or guideline which is recognized as a safe level. Based on the above results, there would be no adverse human health effects expected.

Please feel free to contact Mr. David McKinney of the Knoxville Basin Office if further clarification of these results are necessary. He can be reached at (615) 546-9221 or Division of Water Management, Tennessee Department of Health and Environment, 1522 Cherokee Trail, Knoxville, TN 37920.

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

GEI/____ EEP-1

To M. Pat Turri (A. M.)
Date 12/29 Time 11:30 P. M.

While You Were Out

M. John Crabtree
of Oak Ridge
☒ Telephoned ☐ Called Personally ☐ Will Call Again

☒ Please Call _____ at _____ Time _____
Day _____ A. M.
P. M.

Phone No. 483-4584

Left following Message:

Re: Mercury Report

Doesn't make sense to him!

LONG DISTANCE INSTRUCTIONS CALL OPERATOR NO. _____

AT _____
PERSON OR NUMBER CALLING 2

Call taken by _____
GS-0213

te
4

8 1/2 years

Jim Harless to call Crabtree
" " to check on what
I am to ~~call~~ write Brooks.

4 samples

4.7

150 ppm

97 - 150 ppm

7 - 10 years

8 1/2 years

Jim Harless to call Crabtree
" " " to check on whale
I am to ~~call~~ write Brooks.

100 Wiltshire Drive
Oak Ridge, Tenn. 37830
December 27, 1983

Mr. Gerald E. Ingram
Tennessee Department of Health and Environment
TERRA Bldg., 150 9th Avenue North
Nashville, Tennessee 37203

Dear Sir:

Thank you for your letter of December 19, 1983 stating the Mercury analyses on soil samples taken from my property.

In addition to those samples you listed several others were taken :

83-154 to 156	Vegetables
-157 to 159	Sewer line soil
-160 & 161	Horse hair and manure
-162 & 163	Flood plain

Unavailable numbers	Flood plain soil and tomatoes
" "	Flood plain soil and black walnuts

I would appreciate receiving the results of these additional samples at your earliest convenience. This information will allow me to make decisions about the continued use of my flood plain as pasture and a source of edible plants.

Sincerely,

Alfred A. Brooks
Alfred A. Brooks

Red
JAN 03 1984
Red

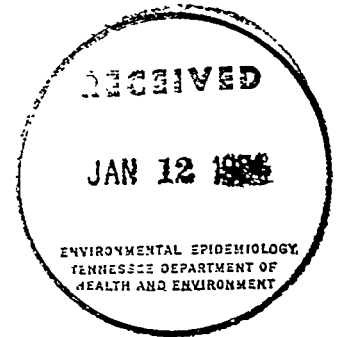
CITY OF OAK RIDGE



615 / 483-5671 • POST OFFICE BOX 1 • OAK RIDGE, TENNESSEE 37830

January 9, 1984

Mr. Patrick Terri
Environmental Engineer
Environmental Epidemiology
Tennessee Department of Public Health
4th Floor, TERRA Building
150 Ninth Avenue, North
Nashville, Tennessee 37203



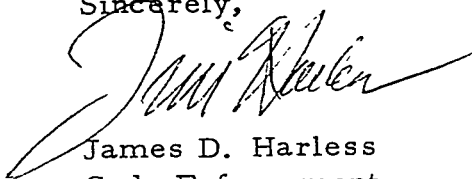
Dear Pat:

Last week you gave me two names and addresses for which you could not contact the original requesting person.

1. Robert Fox, Tempura Drive, Oak Ridge, Tenn. 37830
2. Ida Rich, 2093 Oak Ridge Turnpike

Mr. Fox had a soil sample collected on Tempura Drive, but lives at 141 Midway Drive, Oliver Springs. I may have taken #2, which you gave me down wrong. 2093 Oak Ridge Turnpike is sample location. The citizen address is 683 Robertsville Road, Oak Ridge, Tennessee 37830.

Sincerely,


James D. Harless
Code Enforcement

rp

P.S. We (Mr. Lyle Lacy) received you 1-6-84 letter this date, but no attachment. Are you now sending letters on higher than 12 ppm mercury?

Mailed 1-13-84
> 12 ppm

Mr. Hugh Kinser
104 Colgate Road
Oak Ridge, TN 37830

Mr. A. A. Brooks
100 Wiltshire Drive
Oak Ridge, TN 37830

Russell Jackson
2383 Oak Ridge Turnpike
Oak Ridge, TN 37830

Carolyn Crabtree
109 W. Lincoln Street
Oak Ridge, TN 37830

Alice Pine
171 LaSalle Road
Oak Ridge, TN 37830

Greenview Estates
100 Grandcove Lane
Oak Ridge, TN 37830



TENNESSEE DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of Environment
T.E.R.R.A. BUILDING
150 NINTH AVENUE, NORTH
NASHVILLE, TENNESSEE 37203

DATE

1

Dear 2:

The following soil samples were collected and analyzed for Mercury by the Oak Ridge Associated Universities (ORAU) for the Department of Energy (DOE). The results furnished by DOE to our Department for evaluation were:

<u>Location</u>	<u>Sample Number</u>	<u>Date Collected</u>	<u>Results (PPM)</u>
<u>3</u>			

The guideline level for mercury in soil of twelve parts per million (12 ppm) to protect human health was developed by our staff due to the absence of a national standard. Based on the above results being compared with this level, there would be no adverse human health effects expected.

Pat Turri

ENVIRONMENTAL EPIDEMIOLOGY UNI

Please feel free to contact Mr. ~~David McKinney~~ of the ~~Knoxville Basin Office~~ if further clarification of these results is necessary. He can be reached at (615) ~~546-741-568~~ ~~9221~~ or ~~Division of Water Management~~, Tennessee Department of Health and Environment, ~~1522 Cherokee Trail, Knoxville, Tennessee 37920.~~

~~TERRA Bldg., 150 9TH Ave. N., NASHVILLE, TENNESSEE, 37203.~~

Sincerely,

Gerald E. Ingram
Director
Environmental Epidemiology

GEI/____ EEP-1

Mailed 1/25/84



TENNESSEE DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of Environment
T.E.R.R.A. BUILDING
150 NINTH AVENUE, NORTH
NASHVILLE, TENNESSEE 37203

January 11, 1984

Greenview Estates
100 Grandcove Lane
Oak Ridge, TN 37830

Dear Sir:

At your request soil and other media samples were collected from your property to be analyzed for mercury. Although the results of these samples have been known for several months, we have not been able to make any definitive conclusions as to their impact on human health. Where levels were found to be equal to or less than 12 parts per million (ppm), we have notified persons that there is very little likelihood of any ill effects resulting from normal contact with the soil.

You are receiving this letter because soil levels in samples taken from your property exceeded 12 ppm. We are still not able to assure you that there is no long-term danger from contact with such soil. In order to finalize the conclusions on each site that exceeds 12 ppm, the City has appointed an interim action study group. It is composed of staff from Oak Ridge Associated University, the Environmental Quality Assurance Board, the City of Oak Ridge and representatives of the State Department of Health and Environment. During the next two to three months, each of the affected property owners will be contacted and advised of any action that should be taken. In the mean time the prudent action on your part is to minimize contact with the soil, especially where it can be ingested.

If you have questions please call or write this office or Jim Harless with the city of Oak Ridge (Phone: 483-5671).

Sincerely,

Patrick A. Turri
Division of Environmental Epidemiology

PAT/bec/d-5

PAT
JUN 18 1986



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

315 COURTLAND STREET
ATLANTA, GEORGIA 30365

JUN 12 1986

4PM-EA/DRH

Mr. A. D. McKinney, Manager
Knoxville Basin Office
Tennessee Department of
Health and Environment
1605 Prosser Rd.
Knoxville, TN 37914-3434



copy
all
ORTF
members

Attn -
ECL
ARB
WSA
OSH
Return
ADM

Dear Mr. McKinney:

Thank you for your assistance in my education about Oak Ridge environmental problems. I was very impressed by the quality and interest of all of the participants in the Oak Ridge Task Force (ORTF) meeting of March 18-19, 1986. As we discussed at that meeting, I would now like to address the issues as raised in your February 27, 1986 letter:

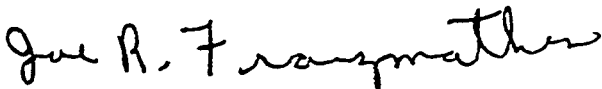
- A. The original Memorandum of Understanding paragraph which established the ORTF is very broad in the task force responsibilities. As I interpret it, the task force is basically a forum for the several agencies with involved responsibility to communicate their regulatory information needs and activities relative to studying the contamination and formulating a remedial action plan. Thus, while the MOU did not anticipate the expanded RCRA responsibilities as established by HSWA, I believe the TF charter is sufficiently broad to accommodate the expanded EPA role.
- B. EPA will continue to participate on the ORTF. I think the requirements of RCRA as expanded by HSWA establishes a much more specific information requirement framework for DOE to comply with in arriving at the remedial action decisions. However, it does not negate the several other agency requirements for DOE to comply with in implementing a remedial action plan. The ORTF is a forum for DOE to integrate the various agency requirements into a conclusion that will satisfy both State and Federal laws. I do not think the new EPA - RCRA responsibilities necessarily dictate a new format but rather an evolved format that recognizes the rather specific requirements of HSWA.

- C. The contaminated area downstream of the Y-12 facility (including East Fork Poplar Creek (EFPC)) is not considered a solid waste management unit (SWMU), but rather is an area contaminated by releases from a SWMU at Y-12 and therefore is subject to corrective action.

Concerning a schedule for programmatic activities, I have enclosed Part II from the proposed HSWA - RCRA permit for ORNL. This Part II describes the activities needed to comply with an assessment of need for corrective action. A review of these requirements reveals that while formal submissions for Section II A.1 initial report and Section II A.2 investigation plan have not been submitted to EPA, part of the information is available and the ORTF has guided the most important investigation studies which would be part of the Section II A.2 investigative plan and Section II A.3 investigative plan implementation. In the near future, DOE will need to fill in the gaps of the procedural requirements in order to comply with the terms of the HSWA permit for this particular area.

The Oak Ridge situation is truly a massive environmental investigation and the problems do not respect political or program boundaries. Correction of the problems will require the dedicated cooperation of many individuals and agencies, both State and Federal, to work together. I believe a good cooperative start has been made and we should continue. Before we finish there will undoubtedly be new laws and authorities to consider but if we remember that our goal is a clean environment, then I believe we can do it.

Sincerely yours,



Joseph R. Franzmathes
Acting Assistant Regional Administrator
for Policy and Management

Enclosure

cc: Wayne Hibbitts, DOE

DRAFT

PART II - SOLID WASTE MANAGEMENT UNITS

RECEIVED

JUN 27 1986

ENVIRONMENTAL EPIDEMIOLOGY
TENNESSEE DEPARTMENT OF
HEALTH AND ENVIRONMENT

II.A. ASSESSMENT OF NEED FOR CORRECTIVE ACTION

- II.A.1. The Permittee shall provide to the Regional Administrator reports which identify and characterize all solid waste management units (defined in I.G.2.) currently or previously located within the Reservation boundry, except units which are under the principal control of a principal owner who is other than the Department of Energy.

A separate report or separate sets of reports shall be prepared for each of the three operating facilities.

The reports are to address those units listed on Attachment A plus any other solid waste management units (as defined in I.G.2) which are identified in the future.

In preparing these reports, the permittee will review all existing sources of information and develop new information related to solid waste management practices and releases at the facility and also shall fully investigate the facility property to determine the existence of any additional solid waste management units. This report must include, at a minimum, the following information for each unit.

- a) Type of unit;
- b) Location of each unit on a topographic map of appropriate scale;
- c) General dimensions and capacities;
- d) Function of unit;
- e) Dates that the unit was operated;
- f) Description of the wastes that were placed in the unit, their reaction products, and their hazardous constituents (Per Appendix VIII of 40 CFR Part 261 and related guidance);
- g) Either --a description of any known, suspected, or presumed releases or spills of hazardous waste or hazardous constituents (per Appendix VIII) which includes any existing data and analyses of groundwater, soil, surface water, and air quality.
- h) Or --a description of technical studies and results and other information which convincingly demonstrates that a release has not occurred or demonstrates that a release is highly improbable.

- II.A.2. The Permittee shall prepare a solid waste management unit investigation plan and a proposed schedule for implementation and completion, for each solid waste management unit identified in II.A.1. which are known, suspected, or presumed to have releases of hazardous waste or hazardous constituents to the environment.

Each solid waste management unit investigation plan shall address, characterize, and define at least the following:

- a) Schedules;
- b) Methods and specific actions as necessary to determine whether a prior or continuing release of hazardous waste or hazardous constituents has occurred and/or to characterize the nature and extent of releases;
- c) Pathways of contaminant transport (i.e., air, soil, surface water or groundwater);
- d) Current and future potential receptors; and,
- e) The technical approach to be used in evaluating information, determining effects on human health and the environment, and deciding whether corrective action is needed.

- II.A.3 The Permittee shall implement the solid waste management unit investigation plan(s) in accordance with the schedules contained in each plan upon approval by the Regional Administrator. The results of the investigation(s) shall be presented in a separate report for each unit or comprehensive report for all units and provide information that includes, but is not limited to:

- a) Documentation and data used for implementing the investigation plan, and;
- b) Comprehensive discussions of findings and conclusions regarding releases, pathways, effects on current and future receptors, and the need for corrective action.

- II.A.4 The Regional Administrator shall review the report(s) on the investigation plan(s) that are required by condition II.A.3. and notify the Permittee of the need for further investigative actions and/or the need for corrective action as required under 40 CFR §264.101(a).

- II.A.5 As specified by the Regional Administrator, the Permittee shall submit to the Regional Administrator a plan which includes the corrective action to be taken at each unit. The proposed corrective action plan shall be submitted in accordance with a schedule to be determined by the Regional Administrator. The corrective action

plan must include a description of the corrective measures to be taken including related operations and maintenance, and a schedule of implementation and completion. The plan also shall describe and quantify the expected resulting short-term and long-term changes in contaminant levels, and migration or plume patterns.

- II.A.6. If at any time it is determined that the solid waste management unit investigation plan(s) or report(s) required under this permit no longer satisfies the requirements of 40 CFR §264.101 or this permit for prior or continuing releases of hazardous waste or hazardous constituents from solid waste management units, the Permittee must submit an amended plan or report to the Regional Administrator within ninety (90) days of such determination.
- II.A.7. Throughout the term of this permit, the Permittee shall immediately initiate responses appropriate under Conditions II.A.1. through II.A.6. when becoming aware of any other solid waste management units and/or releases not already being addressed under those conditions.

II.B. SCHEDULES OF COMPLIANCE

- II.B.1. The Permittee shall submit the items required by Condition II.A.1. to the Regional Administrator within ninety (90) days of the effective date of this permit.
- II.B.2. The Permittee shall submit the items required by Condition II.A.2. to the Regional Administrator within one hundred eighty (180) days of the effective date of this permit.
- II.B.3. All plans and schedules shall be subject to approval by the Regional Administrator prior to implementation. The permittee shall revise all submittals as specified by the Regional Administrator.
- II.B.4. If the time shown in a plan for completing any interim activity is more than one year, the schedule shall specify interim dates for the submission of reports of progress toward satisfaction of the interim requirements.
- II.B.5. The results of all plans and reports shall be submitted in accordance with the approved schedule. Extensions of the due date for submittals may be granted by the Regional Administrator based on the Permittee's demonstration that sufficient justification for the extension exists.

II.C. PERMIT MODIFICATION

The Permittee shall apply for a permit modification pursuant to 40 CFR §270.41 to incorporate the corrective action plan(s) developed under Condition II.A.5.

LIST OF DATES OF RESPONSES TO OAK RIDGE RESIDENTS
BY SAMPLE NUMBER

<u>SAMPLE NUMBER</u>	<u>LETTER SENT</u>	<u>SAMPLE NUMBER</u>	<u>LETTER SENT</u>
83-0020	7/27/83	83-0140	12/16/83
	8/29/83	83-0141	2/14/84
	3/28/84	83-0142	2/14/84
83-0021	7/27/83	83-0143	2/14/84
	8/29/83	83-0144	2/14/84
	3/28/84	83-0146	4/02/84
83-0025	7/27/83	83-0147	4/02/84
	8/29/83	83-0148	12/16/83
83-0026	7/27/83	83-0149	12/16/83
	8/29/83	83-0150	12/16/83
83-0027	6/27/83	83-0151	12/16/83
83-0029	6/27/83	83-0152	12/16/83
83-0030	1/13/84	83-0153	12/16/83
83-0031	12/16/83	83-0154	2/14/84
83-0032	1/13/84	83-0155	2/14/84
83-0033	1/13/84	83-0156	2/14/84
83-0035	1/13/84	83-0157	1/13/84
83-0036	1/13/84	83-0158	12/16/83
83-0038	1/13/84	83-0159	1/13/84
83-0041	6/27/83	83-0162	1/13/84
83-0042	6/27/83	83-0163	1/13/84
83-0043	6/27/83	83-0171	12/16/83
83-0044	6/27/83	83-0173	12/16/83
83-0045	6/27/83	83-0174	2/14/84
83-0046	6/27/83	83-0189	12/16/83
83-0118	12/16/83	83-0190	2/14/84
83-0119	12/16/83	83-0191	2/14/84
83-0120	12/16/83	83-0192	12/16/83
83-0121	12/16/83	83-0193	12/16/83
83-0122	12/16/83	83-0194	2/14/84
83-0123	12/16/83	83-0195	2/14/84
83-0124	2/14/84	83-0196	12/16/83
83-0125	2/14/84	83-0197	12/16/83
83-0126	2/14/84	83-0198	12/16/83
83-0127	2/14/84	83-0199	12/16/83
83-0128	2/14/84	83-0200	12/16/83
83-129	1/13/84	83-0201	2/14/84
83-0130	2/14/84	83-0202	2/14/84
83-0131	2/14/84	83-0203	12/16/83
83-0132	12/16/83	83-0204	12/16/83
83-0133	12/16/83	83-0205	12/16/83
83-0134	2/14/84	83-0206	2/14/84
83-0135	12/16/83	83-0207	2/14/84
83-0136	12/16/83	83-0208	2/14/83
83-0137	2/14/84	83-0209	12/16/83
83-0138	12/16/83	83-0210	12/16/83
83-0139	12/16/83	83-0211	12/16/83

<u>SAMPLE NUMBER</u>	<u>LETTER SENT</u>	<u>SAMPLE NUMBER</u>	<u>LETTER SENT</u>
83-0212	2/14/84	83-0266	2/14/84
83-0213	2/14/84	83-0267	12/16/83
83-0214	12/16/83	83-0268	2/14/84
83-0215	12/16/83	83-0269	12/16/83
83-0216	12/16/83	83-0270	2/14/84
83-0217	2/14/84	83-0271	12/16/83
83-0218	2/14/84	83-0272	2/14/84
83-0219	2/14/84	83-0284	12/16/83
83-0220	4/02/84	83-0285	12/16/83
83-0221	12/16/83	83-0286	12/16/83
83-0222	12/16/83	83-0287	2/14/84
83-0223	12/16/83	83-0288	2/14/84
83-0224	12/16/83	83-0289	2/14/84
83-0225	12/16/83	83-0290	1/13/84
83-0226	2/14/84	83-0291	1/13/84
83-0227	12/16/83	83-0292	12/16/83
83-0228	2/14/84	83-0293	12/16/83
83-0229	2/14/84	83-0294	12/16/83
83-0230	12/16/83	83-0318	1/13/84
83-0231	1/13/84	83-0319	1/13/84
83-0232	1/13/84	83-0322	12/16/83
83-0233	12/16/83	83-0323	12/16/83
83-0234	12/16/83	83-0324	2/14/84
83-0235	12/16/83	83-0325	1/13/84
83-0236	2/14/84	83-0330	1/13/84
83-0237	12/16/83	83-0331	1/13/84
83-0238	4/02/84	83-0332	2/14/84
83-0240	12/16/83	83-0333	1/13/84
83-0241	12/16/83	83-0559	12/16/83
83-0242	12/16/83	83-0560	2/14/84
83-0243	12/16/83	83-0561	12/16/83
83-0244	12/16/83	83-0562	2/14/84
83-0245	1/13/84	83-0563	2/14/84
83-0246	12/16/83	83-0564	2/14/84
	3/19/84	83-0583	2/14/84
83-0247	12/16/83	83-0584	12/16/83
	3/19/84	83-0585	2/14/84
83-0248	12/16/83	83-0586	12/16/83
	3/19/84	83-0587	12/16/83
83-0249	12/16/83	83-0588	12/16/83
83-0254A	2/14/84	83-0591	12/16/83
83-0254B	2/14/84	83-0592	2/14/84
83-0255	2/14/84	83-0603	12/16/83
83-0256	12/16/83	83-0604	12/16/83
83-0257	12/16/83	83-0605	12/16/83
83-0258	2/14/84	83-0606	12/16/83
83-0259	2/14/84	83-0607	12/16/83
83-0260	2/14/84	83-0608	12/16/83
83-0261	12/16/83	83-0609	12/16/83
83-0262	12/16/83	83-0610	12/16/83
83-0263	12/16/83	83-0611	12/16/83
83-0264	12/16/83	83-0612	12/16/83
83-0265	12/16/83	83-0613	12/16/83

<u>SAMPLE NUMBER</u>	<u>LETTER SENT</u>	<u>SAMPLE NUMBER</u>	<u>LETTER SENT</u>
83-0614	12/16/83		
83-0615	12/16/83		
83-0616	12/16/83		
83-0625	12/16/83		
83-0626	12/16/83		
83-0627	12/16/83		
83-0628	12/16/83		
83-0629	12/16/83		
83-0630	12/16/83		
83-0631	2/14/84		
83-0632	12/16/83		
83-0633	2/14/84		
83-0634	12/16/83		
83-0635	12/16/83		
83-0636	12/16/83		
83-0689	12/16/83		
83-0690	12/16/83		
83-0691	12/16/83		
83-0692	12/16/83		
83-0693	12/16/83		
83-0694	12/16/83		
83-0695	12/16/83		
83-0696	12/16/83		
83-0697	12/16/83		
83-0698	4/02/84		
83-0700	4/02/84		
83-0722	12/16/83		
83-0723	2/14/84		
83-0724	2/14/84		
83-0725	12/16/83		
83-0726	2/14/84		
83-0726	2/14/84		
83-0727	12/16/83		
83-0728	2/14/84		
83-0729	12/16/83		
83-0730	2/14/84		
83-0731	12/16/83		
83-0732	2/14/84		
83-0828	12/16/83		
83-0829	12/16/83		
83-0830	12/16/83		
83-0831	12/16/83		
83-0834	12/16/83		
83-1088	2/14/84		
83-1089	12/16/83		
83-1091	2/14/84		
83-1091	12/16/83		
83-1121	12/16/83		
83-1122	12/16/83		
83-1123	12/16/83		
83-1124	12/16/83		